

**Work Order ID 55805**

Page 1

Tuesday, February 02, 2010 10:49:18 AM

Item ID: D120-639-011

Accept



Setup Start



Revision ID:

Stop



Item Name: Tungsten Carbide Wearplate

Start Date: 2/2/2010 Start Qty: 2.00



Cust Item ID:

Required Date: 2/2/2010 Req'd Qty: 2.00



Customer:

Reference:

Approvals: Process Plan: MF Date: 10-02-02 Tooling:

Date:

Run Start



QC: Date: SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
DSI 9223	Rev A
IIN-D120-639	Rev A

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile and type labels per PPP D120-639-011 CHG 002 MF 10-02-02

Sioloz

105

0.00



Pick Kit

Packaging

Memo

0.00

Packaging

10-2-2 (2x) [Signature]

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

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Required Date: 2/2/2010 Req'd Qty: 2.00

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

110

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control

120

Packaging

0.00



Packaging

Memo

0.00

Packaging

Package and Identify as per PPP D120-639-011

130

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

⇒ 8/10/02/02

(72)

loc 37

DEC H

10-2-3 SQ 2x

10/02/04 H

MF 10-2-3

W/O:		WORK ORDER CHANGES					
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# Picklist Print

Tuesday, February 02, 2010 10:49:18 AM

Page 1

Work Order ID: 55805

Parent Item: D120-639-011

Parent Item Name: Tungsten Carbide Wearplate

Comments: IPP D 02.09.13 Re-format, Added MS27130-S30 KJ

Start Date: 2/2/2010

Required Date: 2/2/2010

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
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D2746		Manufactured	No			105	Each	14.0000	2.0000			
-------	--	--------------	----	--	--	-----	------	---------	--------	--	--	--

Wearshoe

10-2-2 SL

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

14

46960

14

Manufactured No

105

Each

4.0000

2.0000

D2656-31  
Wearshoe

2  
10-2-2 SL

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

4

44119

4

Manufactured No

105

Each

6.0000

2.0000

D2656-13  
Wearplate

2  
10-2-2 SL

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

6

44158

6

2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Parent Item: D120-639-011

Parent Item Name: Tungsten Carbide Wearplate


Comments: IPP D 02.09.13 Re-format, Added MS27130-S30 KJ

Start Date: 2/2/2010

Required Date: 2/2/2010

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
ALS7-1032-130  Insert	<u>R36</u>	Purchased	No			105	Each	1,058.000	72.0000			

10-2-2



Warehouse  
Location

Loc Qty

Loc Code

Main Warehouse

ST

1058

108606

52

111529

130

111779

41

112772

11

113238

824

D2648-3

Manufactured No

105

Each

59.0000

10.0000

10-2-2



Warehouse  
Location

Loc Qty

Loc Code

OFFSHORE

FG

12

45316

12

Main Warehouse

FP

47

52516

47

10

Tuesday, February 02, 2010 10:49:18 AM

Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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Parent Item Name: Tungsten Carbide Wearplate

Start Date: 2/2/2010

Required Date: 2/2/2010

Comments: IPP D 02.09.13 Re-format, Added MS27130-S30 KJ

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS27039-1-08 <i>x40</i>  Screw		Purchased	No			105	Each	2,406.000	80.0000			

*10-2-2 SP*

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST 2406

110467 3

110552 403

110835 2000

*80*

AN960JD10L *x40*



Washer

Purchased

No

105

Each

3,735.000

80.0000

*10-2-2 SP*

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST 3735

101291 16

105793 49

110985 3670

*80*

MS27130-S30 *x4*



Insert

Purchased

No

105

Each

259.0000

8.0000

*10-2-2 SP (51)*

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST 259

100154 259

*80*

Tuesday, February 02, 2010 10:49:18 AM

Shop Packet Print

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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## REFERENCE ONLY

## 32.2 WEIGHT AND BALANCE

The following weight and balance information is for the Dart wearplate kits that are being installed. The weight and balance of any wearplates that are being removed from the aircraft is the responsibility of the installer.

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D120-639-011 TUNGSTEN CARBIDE WEARPLATE KIT	3.1 lb 1.4 kg	136.0 in 3.45 m	422 in lb 4.8 m kg	±40.7 in ±1.04 m	±126 in lb ±1.5 m kg
D120-639-013 SURFACITE™ WEARPLATE KIT	4.1 lb 1.8 kg	136.0 in 3.45 m	558 in lb 6.2 m kg	±40.7 in ±1.04 m	±167 in lb ±1.9 m kg

## 32.4 PARTS LIST

Qty. -011	Qty -013	Part Number	Description
X		D120-639-011	TUNGSTEN CARBIDE WEARPLATE KIT
	X	D120-639-013	SURFACITE™ WEARPLATE KIT
1	1	D2746	WEARPLATE
1	1	D2656-31	WEARPLATE
1	1	D2656-13	WEARPLATE
5		D2648-3	WEARPAD
	5	D2648-7	WEARPAD
40	40	ALS7-1032-130 or AKS7-1032-130 or ALS4-1032-130 or AKS4-1032-130	INSERT
40	40	MS27039-1-08	SCREW
40	40	AN960JD10L	WASHER

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32-00-00

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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DESIGN <i>[Signature]</i>	DRAWN BY <i>CP</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. DSI 9223	REV. A SHEET 1 OF 1
DATE 01.11.19		TITLE WEARPLATE INSERTS	SCALE NTS
A	01.11.19	NEW ISSUE	

## **DART SERVICE INSTRUCTION**

TO AMEND INSTALLATION INSTRUCTIONS

IIN-D120-639 Rev. A

REF. CANADIAN STC SH01-25

FAA STC: SR01347NY

**REFERENCE ONLY**

*S*

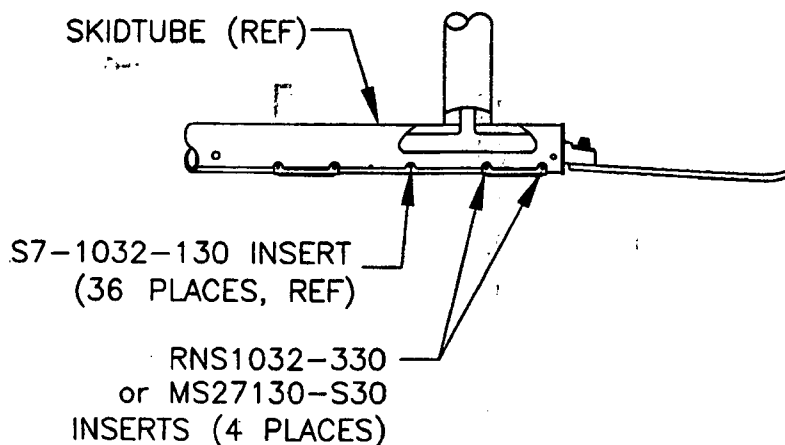
REPLACE (4) AFTMOST ALS7-1032-130 INSERTS WITH (4) RNS1032-330 / MS27130-S30 INSERTS.  
UPDATE PARTS LIST AS FOLLOWS:

**REPLACE:**

QTY -011	QTY -013	Part Number	Description
40	40	ALS7-1032-130	INSERT

**WITH:**

QTY -011	QTY -013	Part Number	Description
36	36	ALS7-1032-130	INSERT
4	4	RNS1032-330 or MS27130-S30	INSERT



NOTE: OPEN HOLES TO  $\phi 0.250$  INSTEAD OF  $\phi 0.297$  FOR THESE 4 INSERTS

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
<b>APPROVED</b> <i>[Signature]</i>	
BY:	D. SHEPHERD (DE # 02)
DATE:	NOV 19, 2001
CERT. NO.:	SH01-25
ISSUE NO.:	1

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